



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.7821
Job Sheet 169389



Part No: 647.7821

Job Qty: 20 ea

15

Part Name: Eye Bolt Fitting LH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/8/17

Job Tracking No:

Due Date: 1/12/18

Created By: Mario Poulin

Type: Stock

Description:

Note: DWG REV A IPP REV A RQ 14/06/19 VERIFIED BY DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		1/11/18	0.00	0.00	Start Up Machining-1		K+ 18-01-23
100	Bandsaw	20 pcs		1/11/18	0.00	0.00	Bandsaw1		K+ 18-01-23
110	CNC Vertical Machining	20 pcs		1/11/18	0.00	12.35	HAAS1-1		K+ 18-01-23
120	QC	20 pcs		1/11/18	0.00	0.00	QC2 Machining-1		K+ 18-01-23
122	Mill Conv	20 pcs		1/12/18	0.00	10.00	Mill Conv 1		J.C.L.
124	QC	20 pcs		1/12/18	0.00	0.00	QC2 Machining-1		J.C.L. 18-01-06
130	QC	20 pcs		1/12/18	0.00	0.00	QC8 Machining-1		FK 18-2-8
140	Outsource	20 pcs		1/12/18	0.00	0.00	Outsource4		AT 18/03/01
150	Packaging	20 pcs		1/12/18	0.00	0.00	Packaging2		AT 18/03/01
160	QC	20 pcs		1/12/18	0.00	0.00	QC5		MAR 2 2018
180	Packaging	20 pcs		1/12/18	0.00	0.00	Packaging3-1		MAR 2 2018
190	QC21-SA	20 Ea		1/12/18	0.00	0.00	QC21		

Part Op 100 - Cut Blanks at 3.188"

Descriptions: 110 - 1-Machine per folio F317 DWG REV: A FOLIO REV: AA 2- deburr and break all sharp edges

122 - Drill and c'bore as per dwg. Use DT10061

140 - Issue P/O to ATG : 035769 1- Black Anodize as per Dwg 647.7800 2- PRIME AS PER DWG, SEE NOTE #2
Certification of Conformity is required

180 - ****IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

1023 FEB 12 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M7075T6S1.750X2.250	5	39	0	0

Part Specifications

Specifications could not be found.



A: _____ Date: _____
Closed: mid Date: 17 June 2019 WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only ☐

Work Order: <u>169 389</u>	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
Part No. <u>647.7821</u>	☒ Rework ☐ Scrap ☐ Use-as-is	☐ Skid-tube Machining ☐ Thermoforming large Fab	☐ Cross tube ☐ Small Fab ☐ Finishing Composite	☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging Supplier	☐ Engineering Quality ☐ Other	
NCR No. <u>19-7148</u>	Step #: <u>122</u>		QTY Effective: <u>1</u>		MRB (QS1042) Approval	
e: <u>18-01-06</u>						

Description Work Order Deviation	Disposition
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Wrong origin taken, center hole in wrong position.

Scrap & destroy

HD 180206

Completed By
J.C.-L.
18-02-06

Lead hand / Supervisor
Approval Verification

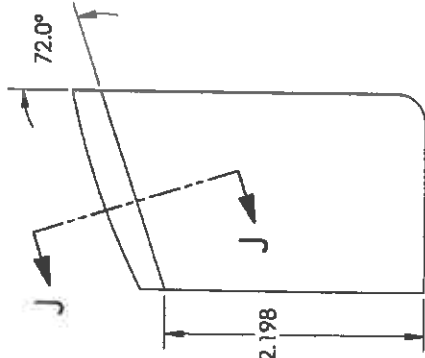
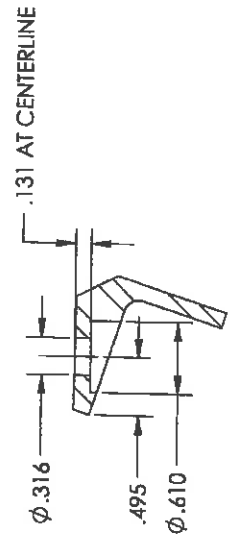
HD 18-02-06

QC / QA Coordinator
Approval

HD 180206

Root Cause		FAULT CATEGORY									
Environment	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/ Surge	☒ Positioned Wrong						
Design	☒ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions						
Doc/Data	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance						
Equip/Tooling	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect						
Handling/Pre	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing						
Material	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved						
Internal Transport	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing						
bal Knowledge	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish						
LOA	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread						
Substation	☐ Process Improvement	☐ Marks/Chatter		☐ Misaligned/off center	☐ Turning Sequence						
Expiry Date	☐ Manufacturing Process										
Identified	☐ Past Due	OTHER :									

A vertical number line with tick marks labeled 3, 4, 5, 6, 7, and 8.

[illegible]

647.7821 SHOWN
647.7822 OPPOSITE

[illegible]



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038709

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038709
PO Date: 2/12/18
Due Date: 2/23/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
FEB 13 2018

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	169382	647.2114	Upper U Channel Issue P/O to ATG : 1- Anodize as per MPP-172 sect. 2.1 2- Pretreatment as per MPP-172 sect. 3.3 3-Prime as per MPP-172 sect. 4.3 As Per Dwg 647.2100 Rev. E	Firmed	3/2/18	10 pcs	0 pcs 2x AT 18/01/22	10 pcs	\$13.52/pcs	\$135.20
2	169389	647.7821	Eye Bolt Fitting LH Issue P/O to ATG : 1- Black Anodize as per Dwg 647.7800 Rev. A 2- PRIME AS PER DWG 648.7800 Rev. A	Firmed	3/2/18	15 pcs	0 pcs 15x AT 18/03/01	15 pcs	\$11.32/pcs	\$169.80
3	169518	RBW109-3101-58-2-7	Handle -Issue P/O to ATG : -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant As Per Dwg RBW109-3101-58-2-7 Rev. 3	Firmed	2/21/18	1 pcs	0 pcs 1x AT 18/01/22	1 pcs	\$20.12/pcs	\$20.12
4	170458	646.3313	Upper Guide Issue P/O to ATG : Hard Anodize Color Black and Prime as per DWG 646.3300	Firmed	3/2/18	9 pcs	0 pcs	9 pcs	\$15.37/pcs	\$138.33
5	170538	RBE350A93-3205-00E	Engine G/B Input Flange Holding Wrench -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RBE350A93-3205-00E Rev. 2A	Firmed	2/21/18	6 pcs	0 pcs 6x AT 18/02/21	6 pcs	\$11.65/pcs	\$69.90
6	170553	647.0116		Firmed	3/2/18	20 pcs	0 pcs 20x AT 18/03/01	20 pcs	\$9.67/pcs	\$193.40

DAS
38
9-8
DA
1
9-8



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914685

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
8 ea	Part: 647.2114 Upper U Channel Anodize as per MPP-172 sect. 2.1 2 -Pretreatment as per MPP-172 sect 3.3 3-Prime as per MPP-172 sect 4.3 Job: 22527		Rev: E PO: PO038709 Line: 1
15 ea	Part: 647.7821 Eye Bolt Fitting LH Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 22528		Rev: A PO: PO038709 Line: 2
9 ea	Part: 646.3313 Upper Guide Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22530		Rev: A PO: PO038709 Line: 4
20 ea	Part: 647.0116 Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22532		Rev: B PO: PO038709 Line: 6
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: 28/2/18 Certified Signature: [Signature] Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914685

Date: 28-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Receiver Signature: _____		
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
	Made in Canada		